



2016

DRIVE YOUR COUNTY TO THE
TOP TEN

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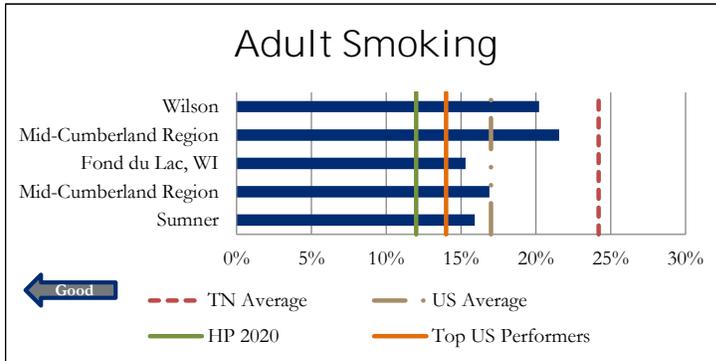
Sumner County

TN

Department of
Health

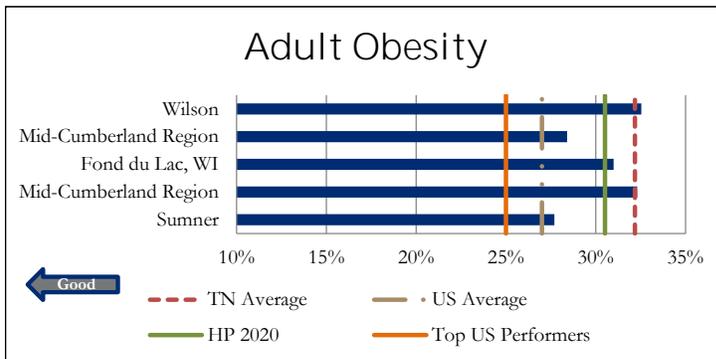
Demographics

Population:	172,706	<18 YOA:	24.35%	65+ YOA:	14.64%	% Rural:	27.90%
Unemployment:	5.28%	% Females:	51.20%	% Males:	48.80%	Graduation Rate:	89.00%
Single parent households:	29.11%	MHI:	\$58,291				



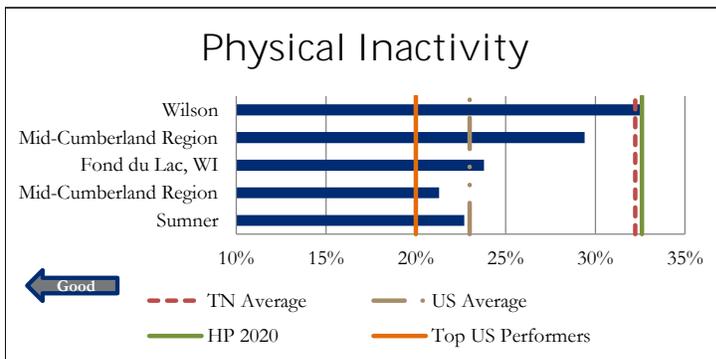
Top Third

Measure	Value
Poor or Fair Health	18.40%
Poor Physical Health Days	4.20
Poor Mental Health Days	4.30
Adult Obesity	28.40%
Premature Death	6920.60
Children in Poverty	16.90%
Physical Inactivity	29.40%
Unemployment	5.28%
Adult Smoking	20.20%
Food Environment Index	7.70



Middle Third

Measure	Value
Mammography Screening	61.00%
Diabetic Monitoring	86.67%
Alcohol-Impaired Driving Deaths	28.87%
Sexually Transmitted Infections	321.45
High School Graduation	89.00%



Bottom Third

Measure	Value
Excessive Drinking	12.80%
Air Pollution - Particulate Matter	14.21
Long Commute - Driving Alone	44.10%
Preventable Hospital Stays	88.88
Social Associations	9.24



Tennessee's Big 3 + 1

Why were these charts selected? The "Big 3 + 1" directly influences at least six of the top ten leading causes of death in Tennessee, and also directly influence other public health threats, such as heart disease, cancer, and diabetes. Overall, the Big Three plus One influences two-thirds of the factors that contribute to Tennessee's overall rank.

Comparative Counties:

Each graph provides the Tennessee county with its respective region and three non-Tennessee comparative counties from around the US based on county-level demographics. The vertical lines represent: the TN Average, the US Average, Top US Performers (top 10%) and the Healthy People 2020 (HP) Goal. For all measures a decrease (shift left) in percentage represents improvement.

YOA: Years of Age. MHI: Median Household Income. HP 2020: Healthy People 2020 Goal. Adult Smoking: Percentage of adults who are current smokers. Source: Behavioral Risk Factor Surveillance System; 2006-2012. Adult Obesity: Percentage of adults that report a BMI of 30 or more. Source: CDC Diabetes Interactive Atlas; 2011. Physical Inactivity: Percentage of adults aged 20 and over reporting no leisure-time physical activity. Source: CDC Diabetes Interactive Atlas; 2011. Prepared by the Division of Administrative Services, Tennessee Department of Health. Nashville, TN. admin.health@tn.gov or 615-741-5001.

Health Outcomes	Length of Life	Premature Death									
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		4	Williamson	6920.60	3683.80	3236.80	↑Bad ↓Good	6,600.00	Dubuque, IA	5114.50	
		For every 100 people in the county, 1 people in the county need to live one year closer to age 75.							Eau Claire, WI	5392.20	
		Source		National Center for Health Statistics - Mortality files			Year(s)	2011-2013	Fond du Lac, WI	5578.30	
Health Outcomes	Quality of Life	Poor or Fair Health*									
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		3	Williamson	18.40%	13.70%	4.70%	↑Bad ↓Good	18.00%	Dubuque, IA	10.70%	
		Improve the health of 5 out of every 100 people in the county who, in general, report being in poor or fair health.							Eau Claire, WI	12.40%	
		Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Fond du Lac, WI	11.30%	
		Description		Percentage of adults reporting fair or poor health (age-adjusted)							
			Poor Physical Health Days*								
	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	3	Williamson	4.20	3.40	0.80	↑Bad ↓Good	3.8	Dubuque, IA	2.70		
	Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Eau Claire, WI	3.40		
	Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Fond du Lac, WI	3.00		
	Description		Average number of physically unhealthy days reported in past 30 days (age-adjusted)								
		Poor Mental Health Days*									
Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
3	Williamson	4.30	3.80	0.50	↑Bad ↓Good	2.8	Dubuque, IA	2.90			
Engage people in the county on ways to reduce number of poor physical health days reported by residents by 1 days per month.							Eau Claire, WI	3.40			
Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Fond du Lac, WI	3.20			
Description		Average number of mentally unhealthy days reported in past 30 days (age-adjusted)									
		Low Birthweight									
Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
27	Pickett	8.07%	7.24%	0.83%	↑Bad ↓Good	8.00%	Dubuque, IA	5.99%			
Reduce the number of low birth weight babies by 1 for every 100 live births.							Eau Claire, WI	5.83%			
Source		National Center for Health Statistics - Natality files			Year(s)	2007-2013	Fond du Lac, WI	6.81%			
Description		Percentage of live births with low birthweight (< 2500 grams)									
Health Factors	Health Behaviors	Adult Smoking*									
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value	
		7	Williamson	20.20%	16.20%	4.00%	↑Bad ↓Good	17.00%	Dubuque, IA	15.90%	
	Get 20 out of every 100 current adult smokers in the county to quit smoking.							Eau Claire, WI	16.90%		
	Source		Behavioral Risk Factor Surveillance System			Year(s)	2014	Fond du Lac, WI	15.30%		
	Description		Percentage of adults who are current smokers								
			Adult Obesity								
	Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
	3	Williamson	28.40%	27.20%	1.20%	↑Bad ↓Good	27.00%	Dubuque, IA	27.70%		
Get 5 out of every 100 current obese adults in the county to reduce their BMI below 30.							Eau Claire, WI	32.30%			
Source		CDC Diabetes Interactive Atlas			Year(s)	2012	Fond du Lac, WI	31.00%			
Description		Percentage of adults that report a BMI of 30 or more									
		Food Environment Index									
Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value			
7	Cannon	7.70	7.9	0.2	↑Good ↓Bad	7.20	Dubuque, IA	7.90			
Increase the county's food index score by 0.2.							Eau Claire, WI	7.50			
Source		USDA Food Environment Atlas, Map the Meal Gap			Year(s)	2013	Fond du Lac, WI	8.40			
Description		Index of factors that contribute to a healthy food environment, 0 (worst) to 10 (best)									

Prepared by the Division of Administrative Services, Tennessee Department of Health, Nashville, TN. May 2016. admin.health@tn.gov or 615-741-9398. The full report can be accessed at: <http://tn.gov/health/topic/specialreports>. All data is from the University of Wisconsin Population Health Institute and Robert Wood Johnson Foundation's, 2015 *County Health Rankings and Roadmaps* report. Difference statements represent the absolute value using the following formula: ["Value" - "10th Ranked Value"]. *The action statements are based on the assumption that no new additional cases occur. **Data should not be compared with prior years due to changes in definition/methods. All rankings and action statements presented in this report must be interpreted with caution due to various limitations of each measurement. Further information with regards to the strengths and limitations of each measurement may be found by clicking the hyperlink found in the description of each measurement.

Health Factors		Health Behaviors		Physical Inactivity							Peer County		Peer Value	
				Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value		
Percentage of adults aged 20 and over reporting no leisure-time physical activity		5	Williamson	29.40%	23.30%	6.10%	↑Bad ↓Good	23.00%	Dubuque, IA	22.70%				
		Get 21 out of every 100 currently physically inactive adults to exercise during leisure time.							Eau Claire, WI	21.30%				
		Source		CDC Diabetes Interactive Atlas			Year(s)		2012	Fond du Lac, WI	23.80%			
Percentage of population with adequate access to locations for physical activity		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		16	Loudon	73.59%	78.48%	4.89%	↑Good ↓Bad	84.00%	Dubuque, IA	69.80%				
		Consider how to remove barriers to access exercise locations to reach an additional 4.89 percent of the county's population.							Eau Claire, WI	66.69%				
		Source		Business Analyst, Delorme, ESRI, & US Census Tigerline Files			Year(s)		2010 & 2014	Fond du Lac, WI	74.42%			
Percentage of adults reporting binge or heavy drinking		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		87	Benton	12.80%	10.60%	2.20%	↑Bad ↓Good	17.00%	Dubuque, IA	22.50%				
		Get 18 out of every 100 adults in the county that currently drink to excess (binge and heavy drinkers) to stop drinking more than one (women) or two (men) drinks per day on average.							Eau Claire, WI	25.20%				
		Source		Behavioral Risk Factor Surveillance System			Year(s)		2014	Fond du Lac, WI	24.60%			
Percentage of driving deaths with alcohol involvement		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		47	Sullivan	28.87%	19.17%	9.70%	↑Bad ↓Good	31.00%	Dubuque, IA	39.29%				
		Reduce the number of alcohol related driving deaths by 9.7 percent.							Eau Claire, WI	37.14%				
		Source		Fatality Analysis Reporting System			Year(s)		2010-2014	Fond du Lac, WI	25.86%			
Number of newly diagnosed chlamydia cases per 100,000 population		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		56	Overton	321.45	153.22	168.23	↑Bad ↓Good	446.60	Dubuque, IA	390.13				
		Consider ways to educate 6 out of every 10 persons self-reporting to be involved in any sexual contact to commit to using safe sex practices to prevent the infection of Chlamydia.							Eau Claire, WI	353.61				
		Source		National Center for HIV/AIDS, Viral Hepatitis, STD, & TB Prevention			Year(s)		2013	Fond du Lac, WI	248.42			
Teen birth rate per 1,000 female population, ages 15-19		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		14	Putnam	38.31	34.87	3.44	↑Bad ↓Good	35.00	Dubuque, IA	25.29				
		For every 100 teenage females (ages 15 to 19 years) in the county, consider ways to prevent 9 teen(s) from becoming pregnant.							Eau Claire, WI	15.37				
		Source		National Center for Health Statistics - Natality files			Year(s)		2007-2013	Fond du Lac, WI	22.78			
Percentage of population under age 65 without health insurance		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		7	Tipton	13.94%	13.87%	0.07%	↑Bad ↓Good	17.00%	Dubuque, IA	7.87%				
		Get 1 out of every 100 currently uninsured adults ages 18-64 to obtain health insurance.							Eau Claire, WI	10.28%				
		Source		Small Area Health Insurance Estimates			Year(s)		2013	Fond du Lac, WI	9.35%			
Ratio of population to primary care physicians		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		25	Coffee	1816:1	1368:1	448	↑Bad ↓Good	1320:1	Dubuque, IA	1367:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 22 primary care providers would need to be recruited to the county. More importantly, if the county's value is greater than 3,500, this county would be considered a Health Professional Shortage Area.							Eau Claire, WI	774:1				
		Source		Area Health Resource File/American Medical Association			Year(s)		2013	Fond du Lac, WI	1616:1			
Ratio of population to dentists		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		31	Dickson	2617:1	1744:1	873	↑Bad ↓Good	1540:1	Dubuque, IA	1302:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 24 dental care providers would need to be recruited to the county. More importantly, if the county's value is greater than 5,000, this county would be considered a Health Professional Shortage Area.							Eau Claire, WI	1154:1				
		Source		Area Health Resource File/National Provider Identification file			Year(s)		2014	Fond du Lac, WI	1590:1			
Clinical Care		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value				
		31	Dickson	2617:1	1744:1	873	↑Bad ↓Good	1540:1	Dubuque, IA	1302:1				
		To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 24 dental care providers would need to be recruited to the county. More importantly, if the county's value is greater than 5,000, this county would be considered a Health Professional Shortage Area.							Eau Claire, WI	1154:1				
		Source		Area Health Resource File/National Provider Identification file			Year(s)		2014	Fond du Lac, WI	1590:1			

Health Factors		Clinical Care	Mental Health Providers		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			Ratio of population to mental health providers	30	Henry	1515:1	644:1	871	↑Bad ↓Good	490:1	Dubuque, IA	714:1	
			To reach a population-to-provider ratio at or exceeding that of the 10th ranking county, 109 mental health providers would need to be recruited to the county. More importantly, if the county's value is greater than 30,000, this county would be considered a Health Professional Shortage Area.										
			Source	CMS, National Provider Identification file			Year(s)	2015		Fond du Lac, WI	1049:1		
		Clinical Care	Preventable Hospital Stays		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			Number of hospital stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees	69	Anderson	88.88	50.27	38.61	↑Bad ↓Good	54.00	Dubuque, IA	51.70	
			For every 100 Medicare enrollees, prevent 1 Medicare enrollees from being hospitalized for ambulatory-care sensitive conditions.										
			Source	Dartmouth Atlas of Health Care			Year(s)	2013		Fond du Lac, WI	38.57		
		Clinical Care	Diabetic Monitoring		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			Percentage of diabetic Medicare enrollees ages 65-75 that receive HbA1c monitoring	45	Giles	86.67%	89.20%	2.54%	↑Good ↓Bad	63.00%	Dubuque, IA	93.48%	
			For every 100 diabetic Medicare enrollees, get 3 additional Medicare enrollees to receive HbA1c screening.										
			Source	Dartmouth Atlas of Health Care			Year(s)	2013		Fond du Lac, WI	89.61%		
		Clinical Care	Mammography Screening		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			Percentage of female Medicare enrollees ages 65-69 that receive mammography screening	36	Cumberland	61.00%	71.00%	10.00%	↑Good ↓Bad	63.00%	Dubuque, IA	77.00%	
			For every 100 female Medicare enrollees, get 10 additional Medicare enrollees to receive their mammography screening.										
			Source	Dartmouth Atlas of Health Care			Year(s)	2013		Fond du Lac, WI	69.00%		
		Social & Economic Factors	High School Graduation		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			Percentage of ninth-grade cohort that graduates in four years	57	Tipton	89.00%	98.00%	9.00%	↑Good ↓Bad	82.00%	Dubuque, IA	91.34%	
			For every 100 ninth graders, assist 9 additional ninth graders to graduate within four years.										
			Source	EDFacts			Year(s)	2012-2013		Fond du Lac, WI	90.43%		
		Social & Economic Factors	Some College		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			Percentage of adults ages 25-44 years with some post-secondary education	9	Davidson	63.41%	67.02%	3.61%	↑Good ↓Bad	64.00%	Dubuque, IA	71.76%	
			For every 100 adults between 25-44 years of age, assist 4 additional adults to complete some coursework at the collegiate level.										
			Source	American Community Survey			Year(s)	2010-2014		Fond du Lac, WI	59.94%		
		Social & Economic Factors	Unemployment		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			Percentage of population ages 16 and older unemployed but seeking work	5	Williamson	5.28%	4.55%	0.73%	↑Bad ↓Good	6.20%	Dubuque, IA	4.27%	
			For every 100 persons ages 16 years and older, help 1 persons successfully find employment.										
			Source	Bureau of Labor Statistics			Year(s)	2014		Fond du Lac, WI	5.04%		
		Social & Economic Factors	Children in Poverty		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			Percentage of children under age 18 in poverty	4	Williamson	16.90%	6.00%	10.90%	↑Bad ↓Good	22.00%	Dubuque, IA	13.60%	
			For every 100 children (under 18 years) in poverty, help 65 children to find assistance to get out of poverty.										
			Source	Small Area Income and Poverty Estimates			Year(s)	2014		Fond du Lac, WI	13.60%		
		Social & Economic Factors	Income Inequality		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
			Ratio of household income at the 80th percentile to income at the 20th percentile	7	Rutherford	3.88	3.82	0.06	↑Bad ↓Good	4.70	Dubuque, IA	3.81	
			To reach a household income ratio at or below that of the 5th ranking county reduce the gap between the 80th percentile and 20th percentile by 1 household(s).										
			Source	American Community Survey			Year(s)	2010-2014		Fond du Lac, WI	3.74		

Health Factors	Social & Economic Factors	Children in Single-Parent Households								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		25	Lawrence	29.11%	23.36%	5.75%	↑Bad ↓Good	34.00%	Dubuque, IA	27.10%
		For every 100 single parent households in the county, investigate ways to encourage 20 households to be a multi-parent household.							Eau Claire, WI	25.22%
		Source		American Community Survey		Year(s)		2010-2014	Fond du Lac, WI	26.84%
		Percentage of children that live in a household headed by single parent								
Health Factors	Social & Economic Factors	Social Associations								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		66	Johnson	9.24	16.13	6.89	↑Good ↓Bad	9.00	Dubuque, IA	11.49
		For every 100 people in the county, increase the number of membership associations by 1.							Eau Claire, WI	12.72
		Source		County Business Patterns		Year(s)		2013	Fond du Lac, WI	13.07
		Number of membership associations per 10,000 population								
Health Factors	Social & Economic Factors	Violent Crime								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		26	Carter	277.97	206.33	71.64	↑Bad ↓Good	392.00	Dubuque, IA	173.26
		For every 100 persons in the county, prevent 26 people from committing a violent crime.							Eau Claire, WI	169.44
		Source		Uniform Crime Reporting - FBI		Year(s)		2010-2012	Fond du Lac, WI	190.82
		Number of reported violent crime offenses per 100,000 population								
Health Factors	Social & Economic Factors	Injury Deaths								
		Rank	5th Ranked	Value	5th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		8	Madison	67.10	63.25	3.85	↑Bad ↓Good	60.00	Dubuque, IA	52.33
		For every 1,000 population consider ways to prevent 58 deaths as a result of intentional and unintentional injury.							Eau Claire, WI	51.70
		Source		CDC WONDER mortality data		Year(s)		2009-2013	Fond du Lac, WI	65.06
		Number of deaths due to injury per 100,000 population								
Health Factors	Social & Economic Factors	Air Pollution - Particulate Matter								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		77	Greene	14.21	13.14	1.07	↑Bad ↓Good	11.40	Dubuque, IA	11.61
		Reduce the average daily measure of fine particulate matter by 1.07 micrograms per cubic meter (PM2.5).							Eau Claire, WI	11.64
		Source		CDC WONDER Environmental data		Year(s)		2011	Fond du Lac, WI	11.78
		Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5)								
Health Factors	Physical Environment	Drinking Water Violations								
		Rank	1st Ranked	Value	1st Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		No Rank	NA	No	No	NA	NA	NA	Dubuque, IA	Yes
		There were no health-based drinking water violations.							Eau Claire, WI	No
		Source		Safe Drinking Water Information System		Year(s)		FY2013-14	Fond du Lac, WI	No
		Percentage of population potentially exposed to water exceeding a violation limit during the past year								
Health Factors	Physical Environment	Severe Housing Problems								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		30	Unicoi	13.02%	11.70%	1.32%	↑Bad ↓Good	19.00%	Dubuque, IA	12.19%
		For every 100 persons in the county experiencing housing problems, help 11 person(s) to find housing assistance.							Eau Claire, WI	15.99%
		Source		Comprehensive Housing Affordability Strategy (CHAS) data		Year(s)		2008-2012	Fond du Lac, WI	13.01%
		Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities								
Health Factors	Physical Environment	Driving Alone to Work								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		30	Grundy	83.33%	80.27%	3.06%	↑Bad ↓Good	76.00%	Dubuque, IA	81.89%
		For every 100 persons that currently drive alone to work, convince 4 to carpool or take mass-transportation.							Eau Claire, WI	80.24%
		Source		American Community Survey		Year(s)		2010-2014	Fond du Lac, WI	81.47%
		Percentage of the workforce that drives alone to work								
Health Factors	Physical Environment	Long Commute - Driving Alone								
		Rank	10th Ranked	Value	10th Ranked Value	Difference	Shift in Value	US Average	Peer County	Peer Value
		71	Hamilton	44.10%	25.20%	18.90%	↑Bad ↓Good	31.00%	Dubuque, IA	12.00%
		For every 100 persons that currently drive more than 30 minutes alone to work, convince 43 to carpool or take mass-transportation.							Eau Claire, WI	13.40%
		Source		American Community Survey		Year(s)		2010-2014	Fond du Lac, WI	22.20%
		Among workers who commute in their car alone, the percentage that commute more than 30 minutes								